

A little Field Guide to West Brisbane Fungi

By Megan Prance and
Sapphire McMullan-Fisher



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Introduction

This little Field Guide has been produced as a result of a survey conducted in 2014 by Wolston and Centenary Catchments Inc. (WaCC). The survey covered an area of about 100 square kilometres bounded by the Brisbane River, Oxley Creek and the Logan Motorway. Dr Sapphire McMullan-Fisher led an initial foray, gave an informative talk, prepared a report and undertook a number of identifications. Megan Prance provided all the photographs for this field guide, led further forays and continued to look for and identify specimens that had been collected in the survey area. Assistance was also provided by Nigel Fechner of the Queensland Herbarium.

Fungi come in many shapes, sizes and colours. They can be grouped into various growth forms or morphological groups, this is often shortened to 'morpho' groups. This little field guide follows the groupings used in 'Australian Subtropical Fungi' co-authored by Dr Sapphire McMullan-Fisher. The names used herein follow the terminology deemed current by Queensland Herbarium at the time of writing this document.

The photographs are backed by specimens lodged with the Queensland Herbarium. A few of the species were not found in the study area. These are indicated with the hash (#) symbol. They are included as they are likely to be found in the west Brisbane area.

The survey was proudly funded by a Lord Mayor's Community Sustainability and Environmental Grants Program grant from Brisbane City Council. Macrofungi research rarely receives the funding required and thus we gratefully acknowledge this grant. Further funding is needed to continue this work. Our knowledge of Queensland fungi is limited, but this little Field Guide will hopefully serve as a starting point towards further research aimed at recognizing our West Brisbane species. It is aimed at beginners to shows some of the diversity and the common groups of the local macrofungi. More detailed information can be found in the references on page 19. You can visit WaCC via their website at wacc.org.au, or via their Facebook page. The 'SEQ Fungi' interest group on Facebook also provides interactive information on local fungi species.

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AGARICS



Armillaria pallidula



Amanita flavella



Amanita pallidobrunnea



Amanita sp.



Coprinus comatus



Coprinellus disseminatus

AGARICS



Macrolepiota sp.



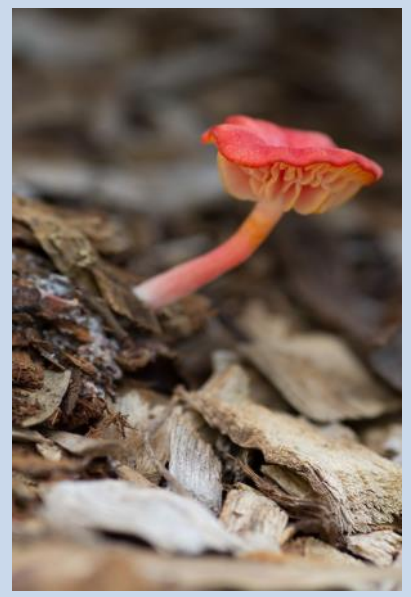
Chlorophyllum molybdites



Chlorophyllum hortense



Cyptotrama aspratium



Hygrocybe sp.



Laccaria sp.



Lepista sublilacina

AGARICS



Leucocoprinus birnbaumii



Mycena aff. *pura*



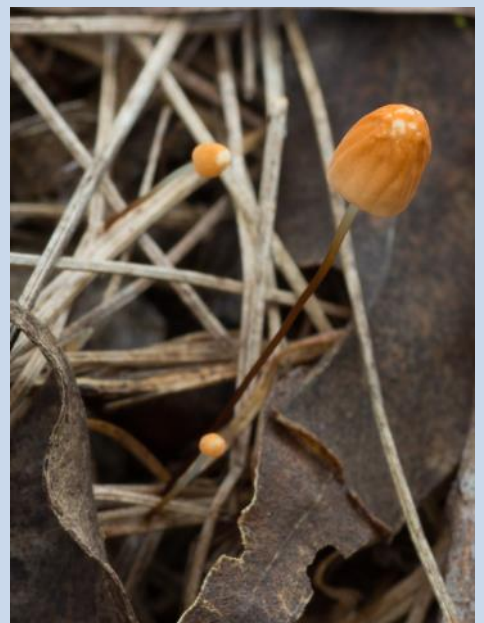
Leucopaxillus sp.



Leucopaxillus sp.



Marasmius haematocephalus



Marasmius sp.

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Russula sp.



Russula sp.



Russula kalimna



Russula sp.



Resupinatus sp.



Panus fasciatus

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Schizophyllum commune



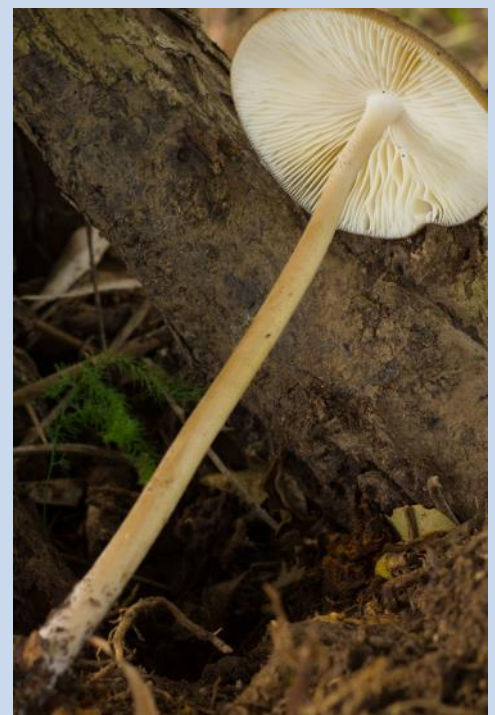
Tetrapyrgos nigripes



Trogia sp.



Xerula s.l.



POLYPORES



Ganoderma sp.



Ganoderma chalcium



Gloeophyllum abietinum



Hexagonia tenuis



Lenzites acuta



Microporus xanthopus

POLYPORES



Polyporus arcularius



Polyporus arcularius



Phellinus sp.



Pycnoporus coccineus



Trametes versicolor



Trametes hirsuta

LEATHERS



Cymatoderma elegans



Stereum ostrea

STINKHORNS



Aseroë rubra



Aseroë rubra



Aseroë rubra eggs



Aseroë rubra egg



Colus hirudinosus



Colus hirudinosus eggs hatching

STINKHORNS



Phallus rubicundus



Phallus multicolor



Phallus rubicundus



Lysurus mokusin



Lysurus mokusin

JELLY FUNGI



Auricularia auricula-judae



Auricularia delicata



Auricularia cornea



Auricularia mesenterica



Dacryopinax spathularia



Tremella mesenterica group

BIRD'S NEST FUNGI



Crucibulum laeve



Crucibulum laeve



Cyathus striatus



Cyathus striatus



Cyathus stercoreus



Cyathus colensoi

Cyathus olla



Cyathus olla

Boletes



Boletellus deceptivus



Boletellus emodensis



Boletellus deceptivus



Boletus "Riverhills"



Phylloporus sp.



Phylloporus sp.

Puff Balls and Earth Stars



Morganella pupurascens



Lycoperdon perlatum



Pisolithus sp.



Pisolithus sp.



Scleroderma sp.



Geastrum saccatum

Ascomycetes



Scutellinia sp.



Scutellinia sp.



Daldinia concentrica



Xylaria sp.



Xylaria sp.

Slime moulds



Fuligo septica



Fuligo septica



Stemonitis sp.



Stemonitis sp.



Trichia verrucosa

Suggested resources

Australian Subtropical Fungi. Sapphire McMullan-Fisher, Patrick Leonard, Frances Guard.

Suncoast Fungi. 2014

A Field Guide to Tasmanian Fungi. Genevieve Gates, David Ratkowsky.

The Tasmanian Field Naturalists Club Inc. 2014

A Guide to the Common Fungi of the Hunter-Central Rivers Region. S Moore, P O'Sullivan.

Hunter Local Land Services. 2014

Fungi Out West. Ross Tait (Ed.).

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A Field Guide to the Fungi of Australia. A.M.Young.

University of New South Wales Press Ltd. 2009

A Field Guide to Australian Fungi. Bruce Fuhrer.

Bloomings Books Pty Ltd. 2005

A Guide to Tropical Fungi. Dr Tan Teck Koon.

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How to Identify Mushrooms to Genus V1. David Largent, Timothy Baroni.

Mad River Press. 1988.

Index

| | | | |
|-----------------------------------|----|----------------------------------|----|
| <i>Amanita flavella</i> | 3 | <i>Leucopaxillus sp</i> | 5 |
| <i>Amanita pallidobrunnea</i> | 3 | <i>Lycoperdon perlatum</i> | 5 |
| <i>Amanita sp</i> | 3 | <i>Lysurus mokusin</i> | 12 |
| <i>Armillaria pallidula</i> | 3 | <i>Macrolepiota sp</i> | 4 |
| <i>Aseroë rubra</i> | 11 | <i>Marasmius haematocephalus</i> | 5 |
| <i>Auricularia auricula-judae</i> | 13 | <i>Marasmius sp</i> | 5 |
| <i>Auricularia cornea</i> | 13 | <i>Microporus xanthopus</i> | 8 |
| <i>Auricularia delicata</i> | 13 | <i>Morganella purpurascens #</i> | 16 |
| <i>Auricularia mesenterica</i> | 13 | <i>Mycena aff. pura</i> | 5 |
| <i>Boletellus emodensis</i> | 15 | <i>Panus fasciatus</i> | 6 |
| <i>Boletellus deceptivus</i> | 15 | <i>Phallus multicolor</i> | 12 |
| <i>Boletus "Riverhills"</i> | 15 | <i>Phallus rubicundus</i> | 12 |
| <i>Chlorophyllum hortense</i> | 4 | <i>Phellinus sp</i> | 9 |
| <i>Chlorophyllum molybdites</i> | 4 | <i>Phylloporus sp</i> | 15 |
| <i>Colus hirudinosus</i> | 11 | <i>Pisolithus sp</i> | 16 |
| <i>Coprinus comatus</i> | 3 | <i>Polyporus arcularius</i> | 9 |
| <i>Coprinellus disseminatus</i> | 3 | <i>Pycnoporus coccineus</i> | 9 |
| <i>Crucibulum laeve</i> | 14 | <i>Resupinatus sp</i> | 6 |
| <i>Cyathus colensoi</i> | 14 | <i>Russula kalimna</i> | 6 |
| <i>Cyathus olla</i> | 14 | <i>Russula sp</i> | 6 |
| <i>Cyathus striatus</i> | 14 | <i>Schizophyllum commune</i> | 7 |
| <i>Cymatoderma elegans</i> | 10 | <i>Scleroderma sp</i> | 16 |
| <i>Dacryopinax spathularia</i> | 13 | <i>Scutellinia sp</i> | 17 |
| <i>Daldinia concentrica</i> | 17 | <i>Stereum ostrea #</i> | 10 |
| <i>Fuligo septica</i> | 18 | <i>Stemonitis sp</i> | 18 |
| <i>Ganoderma sp</i> | 8 | <i>Tetrapyrgos nigripes</i> | 7 |
| <i>Ganoderma chaliceum</i> | 8 | <i>Trametes hirsuta</i> | 9 |
| <i>Geastrum saccatum</i> | 16 | <i>Trametes versicolor #</i> | 9 |
| <i>Gloeophyllum abietinum</i> | 8 | <i>Tremella mesenterica</i> | 13 |
| <i>Hexagonia tenuis</i> | 8 | <i>Trichia verrucosa #</i> | 18 |
| <i>Hygrocybe sp</i> | 4 | <i>Trogia sp</i> | 7 |
| <i>Laccaria sp</i> | 4 | <i>Xylaria sp</i> | 17 |
| <i>Lenzites acuta</i> | 8 | <i>Xylaria sp #</i> | 17 |
| <i>Lepista sublilacina</i> | 4 | <i>Xerula sp</i> | 7 |
| <i>Leucocoprinus birnbaumii</i> | 5 | | |



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